

The Appealed Claims:

3. A sheet or web material comprising a support and a metal layer coated from an aqueous composition comprising a dispersion of metal or metal alloy particles, prepared by chemical reduction of metal ions in aqueous medium, wherein (1) said dispersion has a concentration of at least 20 g of particles per liter, (2) said particles show an average size between 5 and 200 nm, and (3) said aqueous composition further includes a N-quaternized cellulose as binder.

2 4. A sheet or web material according to claim 3 wherein said support is a transparent support.

3 5. A sheet or web material according to claim 3 wherein said coated metal layer is a bismuth layer.

11 6. A sheet or web material according to claim 3 wherein said material further comprises a protective layer or layer pack.

12 7. A sheet or web material according to claim 6¹¹ wherein said protective layer pack comprises an adhesive layer and an outermost polymeric resin foil.

13 8. A sheet or web material according to claim 6¹¹ wherein said protective layer pack comprises a soft polymeric layer and an outermost hard polymeric layer.

4 9. A sheet or web material according to claim 3 wherein said metal layer further comprises hypophosphorous acid, or phosphorous acid, or a mixture of both.

5 ~~11~~. A sheet or web material according to claim 3
wherein said metal particles comprise nickel particles.

6 ~~12~~. A sheet or web material according to claim ~~11~~ ⁵
wherein said metal particles further comprise iron
particles, cobalt particles or molybdenum particles or
mixture thereof.

7 ~~14~~. A sheet or web material according to claim 3
wherein said metal particles comprise tin particles.

8 ~~20~~. A sheet or web material according to claim 3
wherein said N-quaternized cellulose is cellulose, 2-
hydroxyethylether, polymer with N,N,-dimethyl-N-2-propenyl-
2-propen-1-aminium chloride (Chemical Abstract Index Name).

14 ~~21~~. A sheet or web material according to claim ~~8~~ ¹¹
wherein said protective layer or layer pack further
comprises hypophosphorous acid, or phosphorous acid, or a
mixture of both.

9 ~~22~~. A sheet or web material according to claim 3
wherein said material is subjected to image-wise exposure by
laser radiation.

10 ~~24~~. A sheet or web material according to claim 3
wherein said material is subjected to oxidative treatment to
provide a metal oxide-based conductive element.

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